



PHENIX Run-14 Status

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April 15, 2014

Time Meeting

PHENIX High Energy Run

- Excellent RHIC performance
- Physics collisions ongoing
 - 78 fills since Physics declaration
- Narrow Vertex integrated luminosity
 - $\mathcal{L} = 0.79 \text{ nb}^{-1}$ up to April 15
- PHENIX is running well
- Continuing taking data

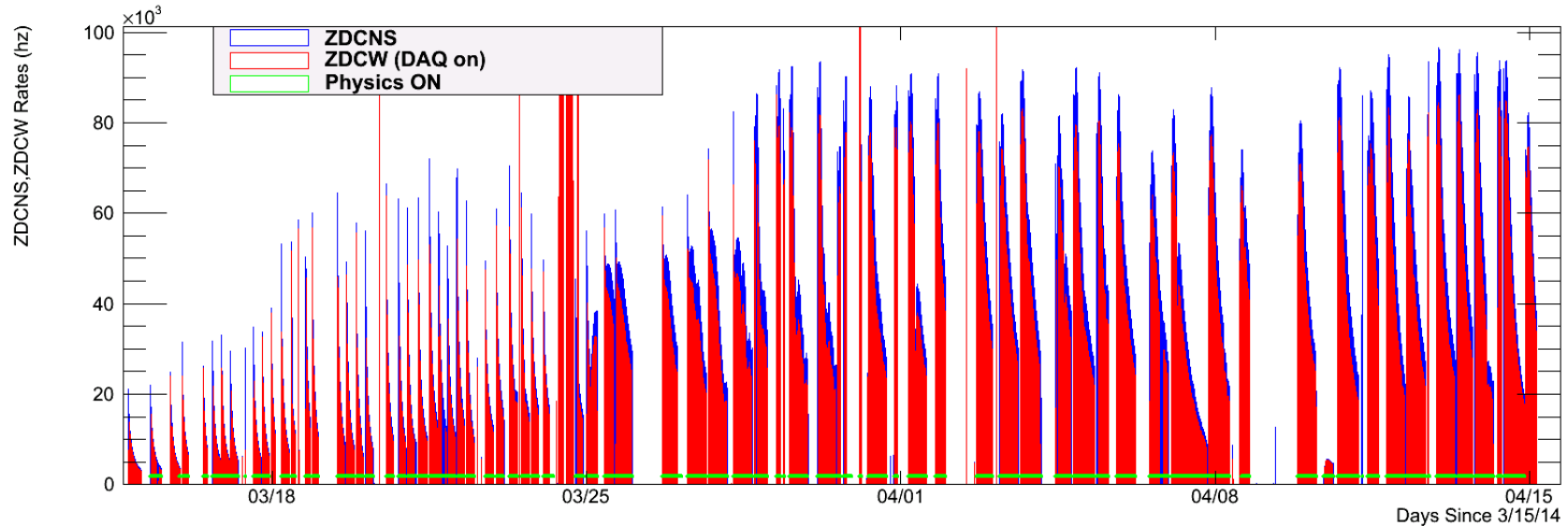


PHENIX High Energy Run

- Excellent RHIC performance

2014 200 GeV AuAu

Tue Apr 15 11:00:33 2014

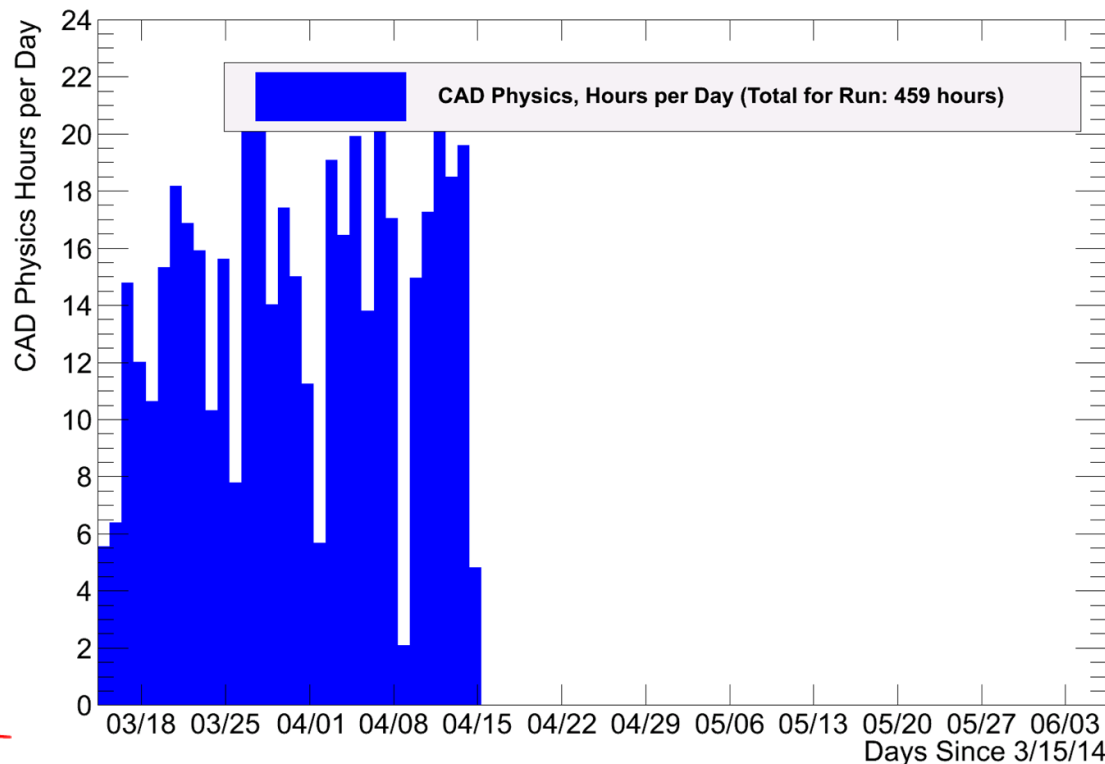


PHENIX High Energy Run

- Excellent RHIC performance

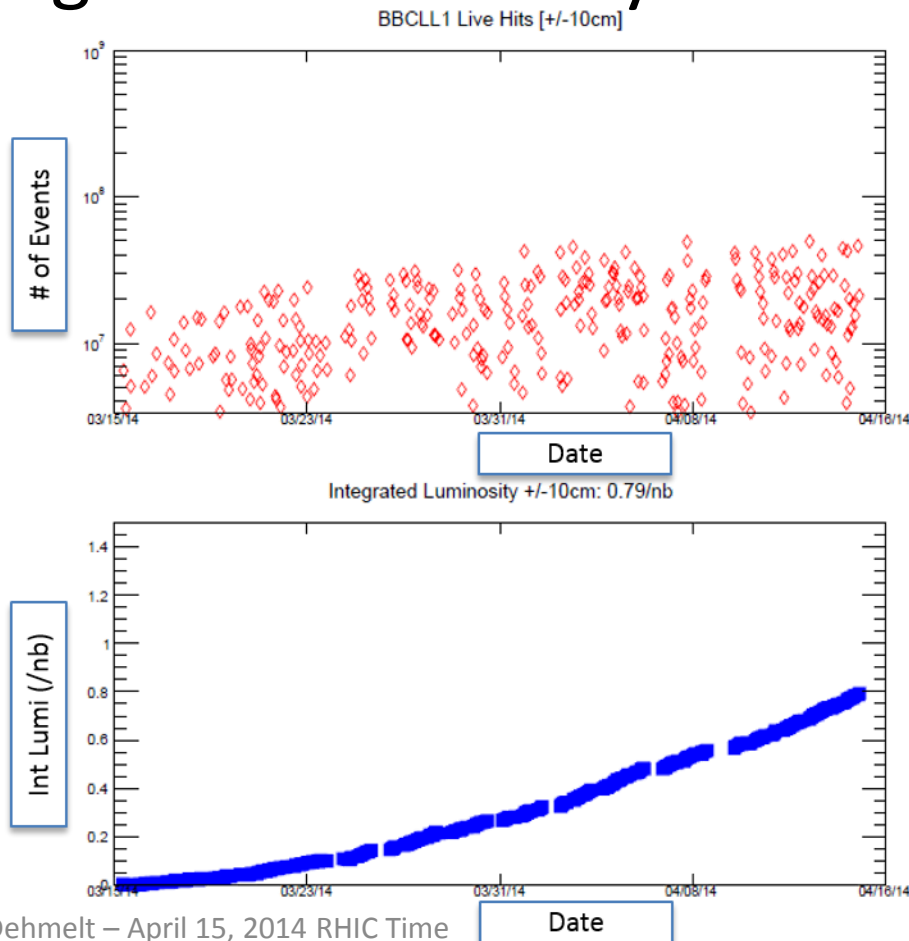
CAD Physics Hrs/Day vs Day

Tue Apr 15 10:00:41 2014



PHENIX High Energy Run

- Narrow Vertex integrated luminosity so far
 - $\mathcal{L} = 0.79/ \text{nb}$

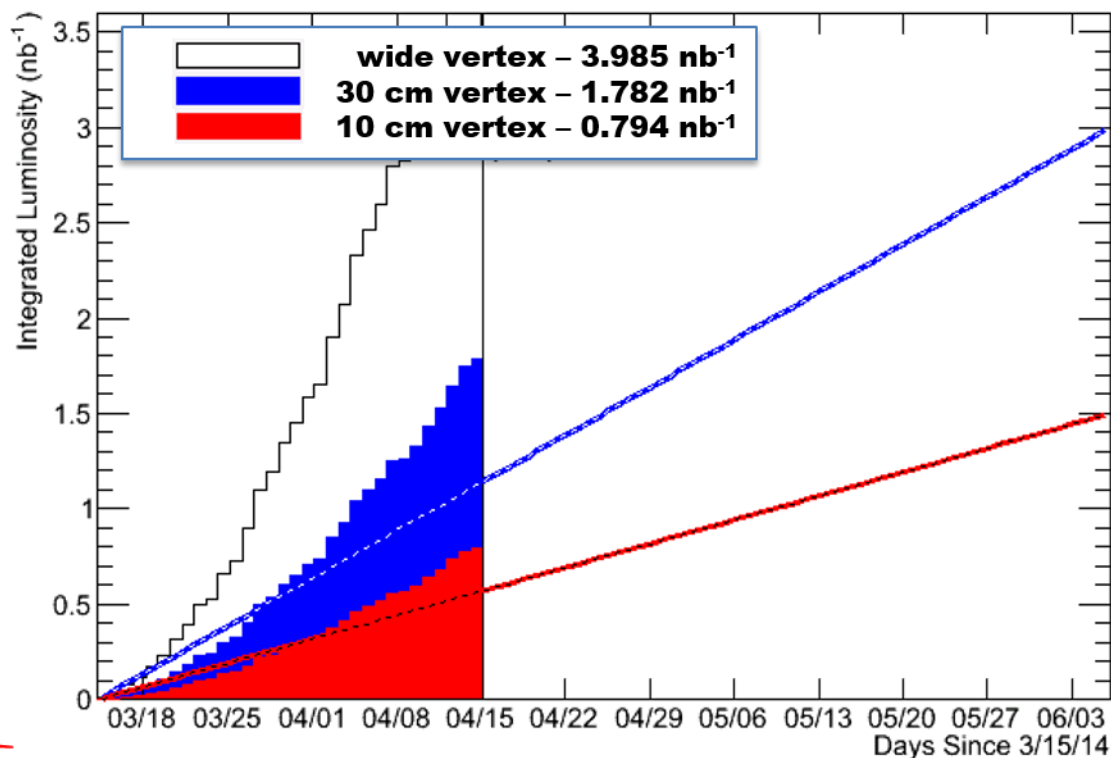


PHENIX High Energy Run

- Narrow Vertex integrated luminosity

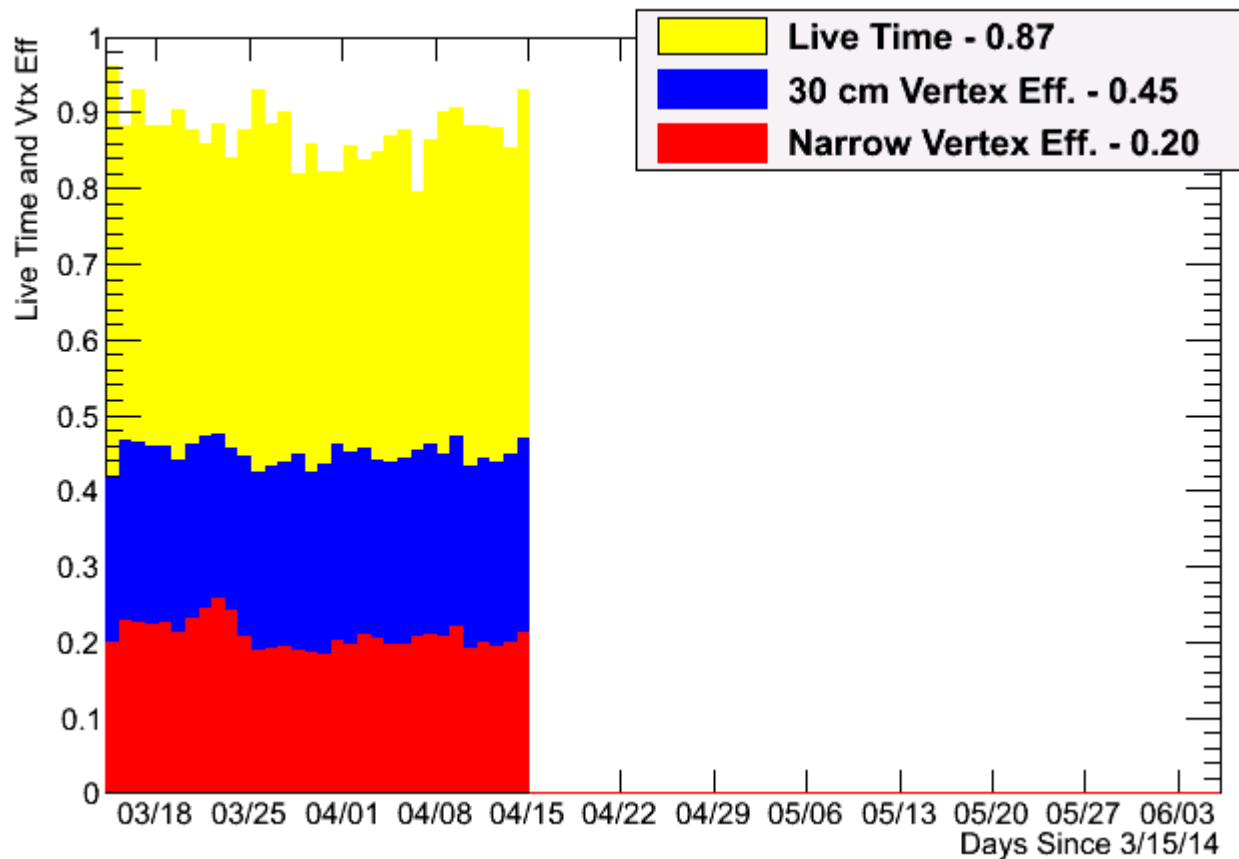
PHENIX Integr. Sampled Lumi vs Day

Tue Apr 15 09:00:36 2014



PHENIX High Energy Run

PHENIX Efficiencies vs Day (good runs) Tue Apr 15 09:00:36 2014

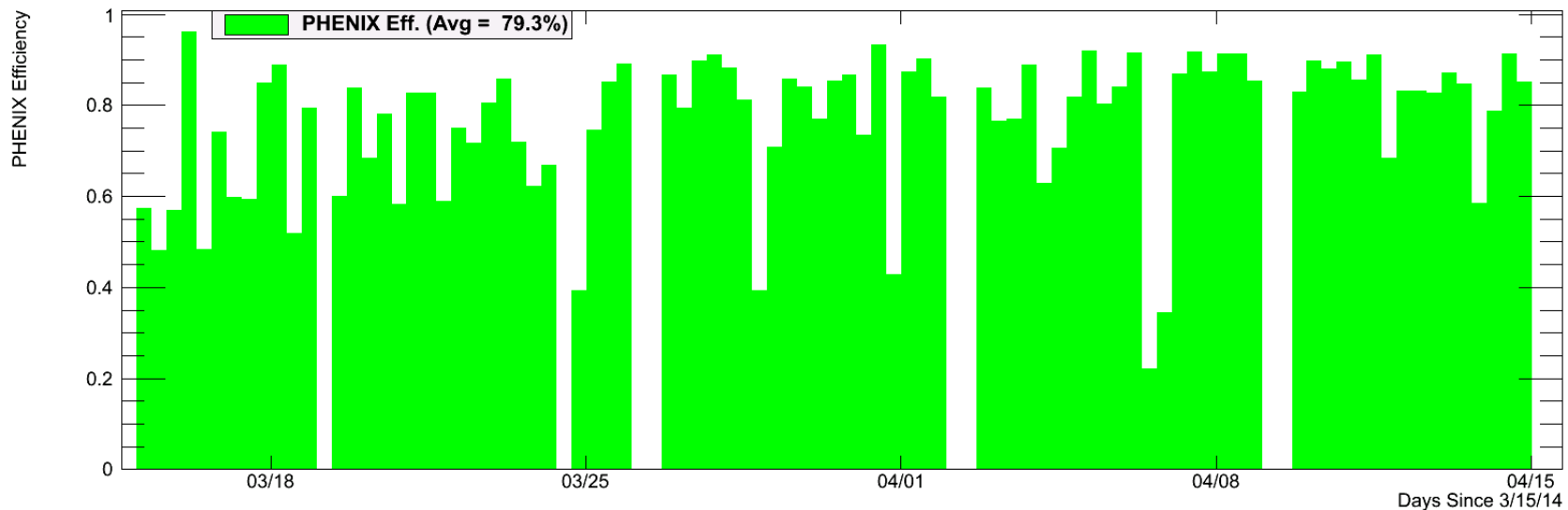


PHENIX High Energy Run

- Data taking efficiency on average close to 80%

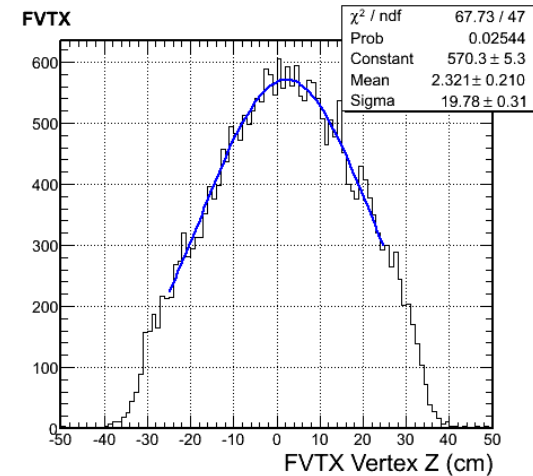
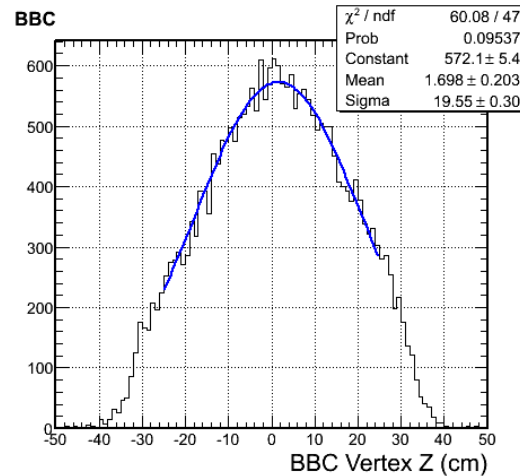
PHENIX Efficiency vs Day

Tue Apr 15 11:00:44 2014

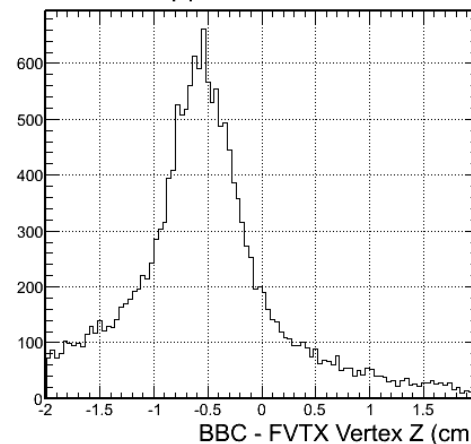


PHENIX High Energy Run

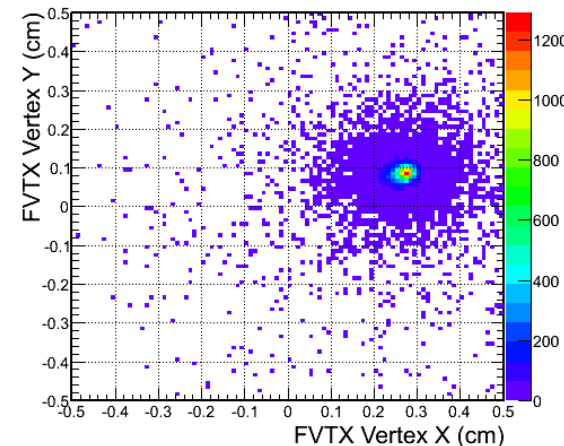
- z-vertex shifted
- Will try to establish correction during machine development on Thursday



BBC - FVTX for $|z| < 20$ cm



FVTX Transverse



Calendar and Plans

- We are considering to switch Magnetic Field polarity
 - If positive switching power cables during maintenance day
- PHENIX is continuing to take data
- Wednesday, April 16: Maintenance day
- Wednesday, April 23: APEX (?)